Raw Sequence Listing before editing (for reference only)



PCT

RAW SEQUENCE LISTING DATE: 05/19/2006
PATENT APPLICATION: US/10/521,518 TIME: 08:56:38

Input Set : A:\294-208 PCT-US sequence listing.txt

Output Set: N:\CRF4\05192006\J521518.raw

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      5 <120> TITLE OF INVENTION: Modulating developmental pathways in plants
      7 <130> FILE REFERENCE: P59845PC00
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/521,518
C--> 10 <141> CURRENT FILING DATE: 2005-01-18
     12 <150> PRIOR APPLICATION NUMBER: EP 02077908.8
    13 <151> PRIOR FILING DATE: 2002-07-17
    15 <160> NUMBER OF SEQ ID NOS: 110
                                                                Does Not Comply
Corrected Diskette Needed
    17 <170> SOFTWARE: PatentIn version 3.2
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    22 <213> ORGANISM: Arabidopsis thaliana
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    46 Asp His Thr Ser Pro Asp Asn Ile Leu Arg Tyr Asn Leu Ala Leu Thr
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                                        105
    54 Ile Glu Ala His Ala Tyr Tyr Glu Gly Lys Arg Phe Ser Thr Ile Thr
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    58 Leu Thr Pro Phe Tyr Gln Gly His Lys Asn Thr Thr Val Leu Thr Pro
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    62 Thr Phe Gln Gly Gln Asn Leu Val Ile Phe Asn Ala Gly Gln Ser Arg
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    66 Thr Leu Asn Ala Glu Arg Ile Ser Gly Val Tyr Asn Ile Glu Ile Lys
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    70 Phe Arg Leu Arg Val Arg Phe Lys Leu Gly Asp Leu Lys Phe Arg Arg
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    74 Ile Lys Pro Lys Val Asp Cys Asp Asp Leu Arg Leu Pro Leu Ser Thr
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RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/521,518**DATE: 05/19/2006

TIME: 08:56:38

Input Set : A:\294-208 PCT-US sequence listing.txt
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PATENT APPLICATION: US/10/521,518 TIME: 08:56:38

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181 Cys Arg Cys Val Cys Val Gly Ser Glu Asn Pro Arg Leu Asn Pro Thr	
182 355 360 365	
185 Arg Arg Lys Ala Trp Cys Glu Glu Glu Asp Glu Glu Gln Arg Lys Lys	
186 370 375 380	
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236 cgatgaaagt ctatgcatgt gatctctatc caacatgagt aattgttcag aaaataaaaa	420
238 gtagctgaaa tgtatctata taaagaatca tccacaagta ctattttcac acactacttc	480
240 aaaatcacta ctcaagaaat atg aag aag atg aat gtg gtg gct ttt gtt acg	533
Met Lys Lys Met Asn Val Val Ala Phe Val Thr	
242 1 5 10	
244 ctg atc atc tct ttt ctt ctg ctt tct cag gtaaactgtt aaaaccattt	583
245 Leu Ile Ile Ser Phe Leu Leu Ser Gln	
246 15 20	
248 tcaagactac cttttctcta tttcagacaa accaaagtaa aacaatgaaa aatctctctg	643
250 gtctttcata g gta ctt gca gag ttg tca tcc agc aac aat gaa act	693
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RAW SEQUENCE LISTING DATE: 05/19/2006 PATENT APPLICATION: US/10/521,518 TIME: 08:56:38

Input Set : A:\294-208 PCT-US sequence listing.txt
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255 Ser Ser Val Ser Gln 256 35	
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259 Thr Asn	-
260 40	_
262 gag aac caa act gcg gcg ttt aag aga aca tac cac cat cgt cca a	_
263 Glu Asn Gln Thr Ala Ala Phe Lys Arg Thr Tyr His His Arg Pro A	Arg
264 45 50 55 266 at a agree at a contract and a set of the set of	006
266 atc agttagtcta ctctttcaac actctaattc ctttgttcta agtatttttt 267 Ile	906
270 ttgccccca caacctttt tttattaaat gagccaattt ttatagat tgt ggg	cat 963
271 Cys Gly	
272 60	
274 gca tgc gca agg aga tgc agt aag aca tcg agg aag aaa gtt tgt c	
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276 65 70 75	
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279 Arg Ala Cys Gly Ser Cys Cys Ala Lys Cys Gln Cys Val Pro Pro G 280 80 90	GIÀ
282 acc tcc ggc aac aca gca tca tgt cct tgc tac gcc agt atc cgt a	aca 1107
283 Thr Ser Gly Asn Thr Ala Ser Cys Pro Cys Tyr Ala Ser Ile Arg T	
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286 cat ggc aat aaa ctc aaa tgt cct taaaagactt ctcatttctc aactata	agtc 1161
287 His Gly Asn Lys Leu Lys Cys Pro	
288 115	
290 tcatcttctg attatgtttc ttcttttgtt atgttgcatg tgtgatgtgt gagctt	
292 ttatgttgat tgttgacata attcaactat ataatttgta tcgattccga ataata	
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298 caaaatctcc atacatatta ccaaaccaaa aaaatacaca agggggagag agacca 300 ttcttggttc agagtttgca tcttgtttga gccgtcaccg tttcttagac ttaaca 302 caacaccttt ataaagcttc acgcgatcct tcaacgcatc tcgccgaggc cgagcc 304 tattgtttgg atcaaacaac aaaacttctt caaacgcatt caatgccaaa ggc 307 <210 > SEQ ID NO: 4 308 <211 > LENGTH: 118 309 <212 > TYPE: PRT 310 <213 > ORGANISM: Arabidopsis thaliana 312 <400 > SEQUENCE: 4 314 Met Lys Lys Met Asn Val Val Ala Phe Val Thr Leu Ile Ile Ser Ile 315 1	aacgg 1461 agcca 1521 cacct 1581 1634 Phe Asn Ala Cys
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406 tgc ctt tgt gtc cct cca ggc acg tac ggc aac aaa caa gtg tgt cct
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/19/2006
PATENT APPLICATION: US/10/521,518 TIME: 08:56:39

Input Set : A:\294-208 PCT-US sequence listing.txt

Output Set: N:\CRF4\05192006\J521518.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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from Seg. 19

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tgt	aaagt	tgt t	catat	tctc	g ti	tata	atato	g att	ttta	aac	ggtt	aaaa	aac t	agto	catatg	
tgt	ataaa		tatca	ج ً		Asp	_			-	_			-	a tgc g Cys	
	aaa Lys															
	tac Tyr															
	tgt Cys															
_	cct Pro		acata	ata (caca	taca	ga to	gtgt	gtata	a tgt	ctt	ccgc	gag	caca	cac	1

.

4
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from. Seg.	21
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tgc aaa gat aga tgc agc aaa tct tcg aga acg aag cta tgc ttg aga Cys Lys Asp Arg Cys Ser Lys Ser Ser Arg Thr Lys Leu Cys Leu Arg 45 50 55 60	1027
gcg tgc aac agc tgt tgt tcc cgc tgc aac tgt gtg cca cct ggt act Ala Cys Asn Ser Cys Cys Ser Arg Cys Asn Cys Val Pro Pro Gly Thr 65 70 75	1075
tct gga aac acc cac ctt tgt cct tgc tac gcc tcc att acc act cac Ser Gly Asn Thr His Leu Cys Pro Cys Tyr Ala Ser Ile Thr Thr His 80 85 90	1123
ggt ggc cgc ctc aag tgc cct taaaatttct tctgtgtctg tttctgtttc Gly Gly Arg Leu Lys Cys Pro 95	1174

	_		-					cca Pro			-	_			ata (g	1391
gtaa	ataat	aa t	ttt	ctttc	ca aa	aagt	gtga	gat	tato	eggt	cgti	tgatt	ag a	atcg	gatgt	a	1451
taai	ttgga	act a	aaatt	ttg	ga co	مر مرکز	tag a	at t Asp (tgc (Cys V	gtg (/al	cct (Pro 1	tta t Leu (cgt o Cys (ggg a Sly T	acg Thr		1502
								aac Asn									1550
								gtt Val									1598
								gcc Ala									1646
			-	cct Pro 275	tgaa	acct	tta '	tatga	acgat	ig g	ttgt [.]	taaa	c gaa	aataa	attt		1701

VERIFICATION SUMMARYDATE: 05/19/2006PATENT APPLICATION: US/10/521,518TIME: 08:56:39

Input Set : A:\294-208 PCT-US sequence listing.txt

Output Set: N:\CRF4\05192006\J521518.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:517 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 7
L:1047 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 15
L:1311 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 19
L:1312 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:19
L:1448 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:21
L:1786 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:25
L:2187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:2191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:16
L:2195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:32
L:2199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:48